Why EON?

EON Energy harvesting wireless switches require no wiring and no power, saving up to 30% of wiring costs and 1/3 normal installation time. They output a 433 MHz on or off signal which is generated by a transformer with a moving coil and a pulse forming network. With operating distances of 80 meters outside and 30 meter indoors the Eon switch can certainly broaden your options.

The receiver has a max load of 5A resistive and can supply up to 1000 W to a resistive load i.e. incandescent or tungsten lighting 700 W fluorescent and 200 W LED.

Frequently asked questions

**Q: How does it work?**
A. The mechanical energy, which is caused by the user when pushing the switch, is harvested and converted to electrical energy. It drives the RF module inside to send a wireless signal to the receiver. Every uJ of energy is harvested and managed carefully to achieve this.

**Q: Can I do two way switching?**
A: No problem! Up to ten switches can be paired to one receiver. More than enough to cover most situations.

**Q: What if I want to switch more than the rated load?**
A: Easy, simply use the output to switch a relay or contactor. For example, you can use it for a master on/off switch for an entire factory if you wish!

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*It’s simple, innovative and functional. No need for wires to switches anymore and…*

*No batteries required!*
Specifications

Receiver Specification
Model Number: LVR910
Net weight: 36g
Transmitter Size: Diameter 50mm, Thickness 23mm
Max Current: 5A
Max Voltage: 250V
Standby Power: <1W

Switch Specification
Model Number: WS 200-1
Color: White
Size: 83mm×83mm×15mm
Net weight: 64g
Radio frequency: 433.92MHz
Remote control distance: outdoor 80m, indoor 30m
Mechanical Life: 200000 times

GMA Approval - 103291-001
AS/NZS 4268:2012

Working today for a smarter tomorrow!

Further Enquiries?

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